



# Section M

## ***HAMMER***

### **PROJECT MANAGERS**

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## INTRODUCTION

The HAMMER Project consists of Project Baseline Summary (PBS) RL-SS05, Work Breakdown Structure (WBS) 3.4.5.

NOTE: Cost/Schedule data contained herein is as of October 31, 2001. All other information is as of November 29, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that there are no milestones due.

## NOTABLE ACCOMPLISHMENTS

Volpentest HAMMER's first priority is to deliver hands-on training to the Hanford workforce. During October two hundred thirteen classes were conducted at the Volpentest HAMMER facility, for a total of 3,450 Hanford site student days. Highest attended health and safety classes included Hazardous Waste Operations, Respiratory Protection, Radiation Worker II Requalification, Basic Medic First Aid training, and Fire Watch training. One 24-hour hazardous waste special request class and twelve special respiratory classes were scheduled to meet the needs of DOE, SNF, River Corridor Project, River Protection Project, Fluor Federal Services, PFP, Analytical Services, and Waste Management. Overall satisfaction, rated on a scale from one to five based on level one evaluations, for the month of October: Course Content 4.51, Instructor(s) 4.63 and Facility 4.53.

HAMMER has been asked to provide expertise to support improvements to the EP drill program for SNF. HAMMER continues to provide support for Hanford Site EP exercises.

The Hanford Fire Department is conducting a Fire Fight Recruit Academy with 6 new recruits. The academy will run from October 22 through November 30, 2001, and will use HAMMER classrooms and various props throughout the 5 weeks.

One hundred members of the U.S. Marine Corps Chemical Biological Incident Response Force (CBIRF) took advantage of the most advanced hands-on training in the nation by training with the Hanford Fire Department at the Volpentest HAMMER Training and Education Center. Other participants included the Hanford Patrol, the Seattle Fire Department, and the Richland Police Bomb Squad. CBIRF is a relatively new branch of the Marines. Its primary function is to augment civil first response efforts. At HAMMER, the Marines practiced rappelling and high angle rescue at the facility's six-story training tower, search and rescue at the HAMMER Burn Building, Search & Rescue Building, and Confined Space Prop, and medic response using an actual Huey Helicopter from Fairchild Air Force Base in Spokane, Washington. During an October 18, 2001 exercise, the men and women responded to a high-hazard counter-terrorism chemical "incident". The exercise, which also involved the 10<sup>th</sup> Weapons of Mass Destruction Civil Support Team of the Washington Army National Guard, began in the dark at 5:00 AM and ended at approximately 9:00 AM. The HFD received high marks for its part in the drill. In a KNDU television newscast, Colonel T. X. Hammes said the HFD was better prepared than most first response units with which he had worked.

The Confederated Tribes of the Umatilla Indian Reservation (CTUIR) held their Fourth Annual Archeological Resources Protection Act (ARPA) Incident Investigation class. The 34 participants represented regions throughout the states of Washington and Oregon, many having responsibilities on the Hanford Site. According to the CTUIR Cultural Resources staff archeologist, this class has resulted in the arrests of two groups of looters and a significant reduction in looting events (zero reported since January 2001) on the Columbia River from White Bluffs to John Day Dam.

A Target Reference Area was constructed on the HAMMER Cultural Test Bed (CTB). This site has various materials, placed in known configurations and depths and their locations documented using the Global Position System (GPS). This will enhance the training on GPS and underground surveillance techniques. It also adds another element to the CTB, which will make it more useful to colleges and other Federal and state agencies. Its first use will be during a Fluor Hanford Waste Management GPS class in December.

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Nothing to report at this time.

## UPCOMING ACTIVITIES

DOE Sub-committee on Consequence Assessment and Protective Actions Conference, November 2001.

## MILESTONE ACHIEVEMENT

Nothing to report at this time.

## PERFORMANCE OBJECTIVES

Nothing to report at this time.

## FY 2002 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES FY TO DATE STATUS – (\$000)

			FYTD								
			BCWS	BCWP	ACWP	SV	%	CV	%	BAC	EAC
PBS SS05 WBS 3.4.5.1	Hammer		\$ 354	\$ 331	\$ 228	\$ (23)	-6%	\$103	31%	\$ 4,516	\$ 4,516
	Total		\$ 354	\$ 331	\$ 228	\$ (23)	-6%	\$103	31%	\$ 4,516	\$ 4,516

## FY TO DATE SCHEDULE / COST PERFORMANCE

The \$0.02 million (6 percent) unfavorable schedule variance is insignificant.

The \$0.1 million (31 percent) favorable cost variance, which falls outside the established thresholds, is mainly due to fiscal year startup activities and lower than anticipated purchase order contract costs.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

## Schedule Variance Analysis: (-\$0.02M)

### HAMMER — 3.4.5.1/SS05

**Description and Cause:** The variance is within thresholds.

**Impact:** None.

**Corrective Action:** None.

## Cost Variance Analysis: (+\$0.1)

### HAMMER — 3.4.5.1/SS05

**Description and Cause:** The favorable cost variance is mainly due to fiscal year startup activities

**Impact:** There is no significant project impact at this time.

**Corrective Action:** None required; continue to review contract costs.

## ISSUES

### Technical, Regulatory, External, and DOE Issues and DOE Requests

**Issue:** Nothing to report at this time.

**Impacts:** None.

**Corrective Action:** None at this time.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

**Baseline Change Log (\$000s)**

BCR Number	Description	Impact		Date Approved	Status
		Days	Dollars		
HMR-01-009	FY 2002 Additional Scope		83	11/01/01	Project Approved
HMR-01-010	FY 2002 Capital Equipment Purchase		69	11/01/01	Project Approved
HMR-01-011	FY 2002 Additional Capital Work		98	11/01/01	Project Approved

NOTES: "Impact" refers to the impact in terms of the number of days or dollars changing *from the 9/30/01 baseline*.

"Date Approved" refers to date of change as approved by final approval authority.